

Modified Form 1449/PTO

INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT

(use as many sheets as necessary)

Application Number	TBD
Filing Date	HEREWITH
First Named Inventor	Roubenoff et al.
Group Art Unit	Not yet assigned
Examiner Name	Not yet assigned
Attorney Docket Number	21629-004

U.S. PRO  
10/020634  
JC903  
12/14/01

## U.S. PATENT DOCUMENTS

Exam Initials	Cite No.	U.S. Patent Document No.	Issue Date	Name of Patentee(s) or Applicant(s)	Class	Sub Class	Filing Date If Appropriate
(S)	AA	5,124,452	6/23/92	Gennari	544	258	
(S)	AB	5,538,734	6/23/96	Le Grazie	424	436	
(S)	AC	5,556,644	9/17/96	Chandra	424	630	
(S)	AD	5,997,915	12/7/99	Bailey et al.	426	72	
(S)	AE	6,008,221	12/28/99	Smith et al.	514	254	10/28/97
(S)	AF	6,127,370	10/3/00	Smith et al.	514	252	11/8/99

## FOREIGN PATENT DOCUMENTS

Exam Initials	Cite No.	Foreign Patent Document Office Number	Name of Patentee(s) or Applicant(s)	Date of Publication	Translation Yes No

## OTHER NON PATENT LITERATURE DOCUMENTS

Exam Initials	Cite No.	Name of Author, Title (when appropriate), Publication, Volume, Page(s), Date, Etc.
(S)	CA	Baldessarini, Ross J. Neuropharmacology of S-Adenosyl-L-Methionine, <i>The American Journal of Medicine</i> , 1987, 83(Suppl 5A): 95-103
(S)	CB	Barcelo et al. Effect of S-Adenosylmethionine on Experimental Osteoarthritis in Rabbits, <i>The American Journal of Medicine</i> , 1987, 83(Suppl 5A):55-59
(S)	CC	Bassleer et al. Proteoglycans Synthesized by Huan Chondrocytes Cultivated in Clusters, <i>The American Journal of Medicine</i> , 1987, 83(Suppl 5A):25-28
(S)	CD	Berger et al. A new medical approach to the Treatment of Osteoarthritis, Report of an Open Phase IV Study with Ademetionine, <i>The American Journal of Medicine</i> , 1987, 83(Suppl 5A):84-88
(S)	CE	Bradley et al. A Randomized, Double Blind, Placebo Controlled Trial of Intravenous Loading with S-Adenosylmethionine (SAM) Fololowed by Oral SAM Therapy in Patients with Knee Osteoarthritis, <i>The Journal of Rheumatology</i> , 1994 21(5): 905-911
(S)	CF	Brandt, Kenneth D. Effects of Nonsteroidal Anti-Inflammatory Drugs on Chondrocyte metabolism in Vitro and in Vivo, <i>The American Journal of Medicine</i> , 1987, 83(Suppl 5A):29-34
(S)	CG	Carney et al. S-Adenosylmethionine and Affective Disorder, <i>The American Journal of Medicine</i> , 1987, 83(Suppl 5A):104-106
(S)	CH	Caruso et al. Italian Double-Blind Multicenter Study Comparing S=Adenosylethionine, Naproxen, and Placebo in the Treatmetn of Degenerative Joint Disease, <i>The American Journal of Medicine</i> , 1987, 83(Suppl 5A):66-71
(S)	CI	Cybulski, et al. Uptake of oxidized folates by rat liver mitochondria, <i>Biochim Biophys Acta</i> 1981 656(2):329-33
(S)	CJ	Di Padova, Carlo, S-Adenosylmethionine in the Treatment of Osteoarthritis, Review of the Clinical Studies, <i>The American Journal of Medicine</i> , 1987, 83(Suppl 5A): 60-65
(S)	CK	Fassbender, Hans G. . Role of Chondrocytes in the Development of Osteoarthritis, <i>The American Journal of Medicine</i> , 1987, 83(Suppl 5A): 17-24
(S)	CL	Felson et al. An update on the epidemiology of knee and hip osteoarthritis with a view to prevention. <i>Arthr Rheum</i> 1998, 41:1343-1455
(S)	CM	Flynn et al. The Effect of Folate and Cobalamin on Osteoartitic Hands, <i>Journal of the American Colege of Nutrition</i> 1994, 13(4):351-356
(S)	CN	Gutierrez, et al. SAMe Restores the Changes in the Proliferation and in the Synthesis of Fibronectin and Proteoglycans Induced by Tumour Necrosis Factor Alpha on Cultured Rabbit Synovial Cells, <i>British Journal of Rheumatology</i> 1997, 37:27-31

OTHER NON PATENT LITERATURE DOCUMENTS			
Exam Initials	Cite No.	Name of Author, Title (when appropriate), Publication, Volume, Page(s), Date, Etc.	
4	CO	Harmand, et al. Effects of S-Adenosylmethionine on Human Articular Chondrocyte Differentiation, An in Vitro Study, <i>The American Journal of Medicine</i> , 1987, 83(Suppl 5A):48-54	
5	CP	<i>J. of Food Science</i> 1983 48:581-587, 599	
6	CQ	Kleiber M., Body size and metabolism, <i>Higardia</i> , 1932, 6:315-353	
7	CR	König, Benno, A Long-Term (Two Years) Clinical Trial with S-Adenosylmethionine for the Treatment of Osteoarthritis, <i>The American Journal of Medicine</i> , 1987, 83(Suppl 5A):89-94	
8	CS	Larence et al. Estimates of the prevalence of selected arthritic and musculoskeletal diseases in the United States. <i>J. Rheumatol</i> 1989, 16:427-41	
9	CT	Laudanno, Oscar M., Cytoprotective Effect of S-Adenosylmethionine Compared with That of Misoprostol against Ethanol-, Aspirin-, and Stress-Induced Gastric Damage, <i>The American Journal of Medicine</i> , 1987, 83(Suppl 5A):43-47	
10	CU	Maccagno et al. Double-Blind Controlled Clinical Trial of Oral S-Adenosylmethionine versus Piroxicam in Knee Osteoarthritis, <i>The American Journal of Medicine</i> , 1987 83(Suppl 5A):72-77	
11	CV	McAlindon et al., Do antioxidant micronutrients protect against the development and progression of knee osteoarthritis?, <i>Arthritis Rheum</i> 1986 39(4):648-56	
12	CW	Moskowitz, Roland W. Primary Osteoarthritis: Epidemiology, Clinical Aspects and General Management <i>The American Journal of Medicine</i> , 1987 83(Suppl 5A):5-10	
13	CX	Müller-Fassbender, H. Double-Blind Clinical Trial of S-Adenosylmethionine versus Ibuprofen in the Treatment of Osteoarthritis, <i>The American Journal of Medicine</i> , 1987 83(Suppl 5A):81-83	
14	CY	Sadasivan et al. Purification, properties, and immunological characterization of folate-binding proteins from human leukemia cells, <i>Biochim Biophys Acta</i> 1987 16; 925(1):36-47	
15	CZ	Schumacher, H. Ralph , Jr., Crystals, Inflammation, and Osteoarthritis, <i>The American Journal of Medicine</i> , 1987, 83(Suppl 5A):11-16	
16	CAA	Schumacher, H. Ralph, Jr. , Osteoarthritis: The Clinical Picture, Pathogenesis, and Management with Studies on a New Therapeutic Agent, S-Adenosylmethionine, <i>The American Journal of Medicine</i> , 1987, 83(Suppl 5A):1-4	
17	CBB	Stramentinoi, Giorgio, Pharmacological Aspects of S-Adenosylmethionine, <i>The American Journal of Medicine</i> , 1987, 83(Suppl 5A):35-42.	
18	CCC	Tavoni et al., Evaluation of S-Adenosylmethionine in Primary Fibromyalgia, <i>The American Journal of Medicine</i> , 1987, 83(Suppl 5A):107-110.	
19	CDD	Vetter, Georg, Double-Blind Comparative Clinical trial with S-Adenosylmethionine and Idomethacin in the Treatment of Osteoarthritis, <i>The American Journal of Medicine</i> , 1987, 83;5A: 78-80	
20	CEE	Yelin, et al. A summary of the impact of musculoskeletal conditions in the United States, <i>Arthr Rheum</i> 1990, 33:750-55.	
Examiner Signature		Date Considered	7-9-03

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered.

Include copy of this form with next communication to applicant.